



ACTON ASIA PACIFIC LTD.



1st Final Inspection Report : DPSZ/007217/2012



Client: ACTON FAR EAST LIMITED Attn: TOOLS DEPT. Address: UNIT 1603, 16/F.,625 KING S ROAD,NORTH POINT, Country: HONG KONG Tel: 852-2561 0831 Fax: 852-2739 2963	Vendor: Attn: Address: Country: Tel: e-mail address:
Factory: Attn: e-mail address:	Issue Date: 30/07/2012 Inspection Date: 27/07/2012 Shipment ETD: 15/07/2012

THIS IS TO CERTIFY THAT WE, ACTON ASIA PACIFIC LTD DID INSPECT THE FOLLOWING CONSIGNMENT

PRODUCT DESCRIPTION

Description: ANGLE GRINDER TOOLBOD * 710W 230V 50HZ * GERMAN VERSION * NO. LOAD Brand Name: BLUCAVE Art.: 007060533 Item Code: IT018933 P/O No.: PO/AF002032/01022012-A P/O Qty: 960 PCS Inspection Qty: 960 PCS Total Ctn No.: 160	Front View: 	Back View: 
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SHIPPING MARKS

Front: 	Side: 
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Inspection performed per:	DIN 2859-1:2004 Single Sampling Plan	Table:	I	Level:	II(Two)
		Inspection:	Normal	Table:	IIA
Sample Size	80 pcs	AQL	Accepted	Rejected	Result
Findings:	Critical:	0	0	1	0
	Major:	1.5	3	4	0
	Minor:	2.5	5	6	4

INSPECTION RESULT

Based upon the results found and compared to the specification and approved sample available at the time of inspection, the result is deemed to be	PASSED	Please note Remark: N/A
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APPEARANCE AND WORKMANSHIP DEFECTS

No	Defect Description	Cri	Maj	Min
1	Wrinkle mark on storage dock label.(photo 30)	0	0	1
2	Storage dock label inclined slightly.(photo 31-32)	0	0	2
3	Slightly damaged mark.(photo 33)	0	0	1
Total defects found:		0	0	4
Acceptable:		0	3	5

REMARKS

1. This inspection was based on " PS 710W Angle Grinder 115mm JY V0001 ".
2. This was new item, all the inspected samples were conformed to the approval sample which signed by WangHao. The mail order box was conformed to "AC Angle Grinder_FA_2012.07.09_Print Quality". The leaflet was conformed to "Blucave Flyer A5 - low". I/M was conformed to "AC Angle Grinder TAG-115-1 EU EN REV 10", "AC Angle Grinder Ma-NL # 1206-25", "AC Angle Grinder Ma-FR # 1206-25", "AC Angle Grinder Ma-DE # 1206-25".

Time In :09:30

Time Out :19:00

Disclaimer

THIS REPORT REFLECTS OUR FINDING AT THE TIME AND PLACE OF INSPECTION. THIS REPORT DOES NOT RELEASE THE SELLER FROM ANY OBLIGATION UNDER HIS CONTRACT WITH THE PURCHASER, TO MAKE GOOD, ALTER OR REPLACE ANY MATERIAL IN WHICH FAULTS OR DEFECTS MAY HEREAFTER BE FOUND OR DEVELOPED. INSPECTION IS PERFORMED TO THE BEST OF OUR ABILITY AND CONSCIENCE BUT WITHOUT ANY RESPONSIBILITY ON OUR PART.

THIS REPORT DOES NOT INVITE TO MAKE THE SHIPMENTS.

Inspected by:

Acknowledge by:

Inspector (VITO ZHANG (SZ))

Factory (Apple Zhuang)

**ACTON ASIA PACIFIC LTD.****1st Final Inspection Report : DPSZ/007217/2012**

Art.	007060533	Description	ANGLE GRINDER TOOLBOD		
Customer	BATAVIA	Inspection Date:	July 27, 2012	Revision:	20120618
P/O No.	01022012	Inspection By:	Vito zhang / Andrew Jiang	Prepared:	General

#	DESCRIPTION / CRITERIA / CHECK	S/S	OK	NOK	FOUNDING
1.0	FUNCTION TEST: (100% of sample size)	80pcs			
1.1	Product firmness with the storage dock check		✓		
1.2	Assembly & dis-assembly with AC controller test		✓		
1.3	Function test for product (only one single speed)		✓		
1.4	Function test for spindle lock		✓		

#	DESCRIPTION / CRITERIA / CHECK	S/S	OK	NOK	FOUNDING
2.0	ACTUAL PERFORMANCE TEST (S-2 of sample size or specified)	8pcs			
2.1	Product check against Instruction Manual (Step by Step)		✓		Important!!!
2.2	Actual performance test		✓		

#	DESCRIPTION / CRITERIA / CHECK	S/S	OK	NOK	FOUNDING
3.0	SPECIAL TEST (S-2 of sample size or specified)				
3.1	Drop test on export carton	1 carton	✓		H: __60__ cm ; __10__ times
3.2	Drop test on individual packing (mail order box)	1 carton	✓		H: __100__ cm: __10__ times
3.3	Drop test on bare unit	1pc	✓		H: __100__ cm ; __3__ times Refer to remark 6.
3.4	Stacking test on export carton: Pile export cartons according to the container height	1carton	✓		H: __2700__ mm; __6__ layers
3.5	Fork-lifter test (drop level of 25cm for 5times)	1 carton	✓		
3.6	Smell test: Free from bad smell especially when unit was operating.	100%	✓		
3.7	Product dimension check	S-2(8pcs)	✓		23x 11.6x11.5cm
3.8	Product weight check	S-2(8pcs)	✓		1.85kgs
3.9	Rubbing test for silk-screen printing/ logo with alcohol	S-2(8pcs)	✓		
3.10	Tape test on mail order box	S-2(8pcs)	✓		

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#	DESCRIPTION / CRITERIA / CHECK	S/S	OK	NOK	FOUNDING
3.11	Barcode scanning test for export carton (please note down the barcode number)	S-2(8pcs)	✓		4050255011524
3.12	Barcode scanning test for mail order box (please note down the barcode number)	S-2(8pcs)	✓		4050255011524
3.13	Internal workmanship evaluation - Important!!! Check internal wiring, ground wiring with respect to electrical safety: <ul style="list-style-type: none">- Check that the thermostat and the thermal fuse, they must be securely fitted.- Check the earth connection, it must be securely connected.- Check that the fast snap-on terminals, they must be securely attached to their relevant terminals without loosing. The terminals are well covered with the protective sleeve.- Sufficient creepage & clearance distances. Internal wires must be kept away from the heating source.	S-2(8pcs)	✓		
3.14	Hi-pot test at 4125Vac, 5mA, 2s	100%	✓		
3.15	Power consumption test (no loading)	100%	✓		411-432W
3.16	Life test for 2 hours	S-2(8pcs)	✓		
3.17	Low voltage start up test at 196Vac	S-2(8pcs)	✓		
3.18	Rotation speed test	S-2(8pcs)	✓		10232-10518RPM
3.19	Noise level test	S-2(8pcs)	✓		86-91dB
3.20	Assembly check for auxiliary handle	S-2(8pcs)	✓		
3.21	Rubbing test for mail order box with white paper	S-2(8pcs)	✓		
3.22	Hardness test	S-2(8pcs)	✓		Gear on output shaft: 49HRC Big Gear: 45HRC Output shaft: 35HRC

#	DESCRIPTION / CRITERIA / CHECK	OK	NOK	FOUNDING
4.0	WORKMANSHIP / APPEARANCE (100% of sample size)			
4.1	Good overall condition (e.g. Unit is clean, free from scratches, burr, damage, crack, split, deformation, sharp edge, discoloration, rust, ...etc)	✓		



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#	DESCRIPTION / CRITERIA / CHECK	OK	NOK	FOUNDING
5.0	PACKING			
5.1	Export carton quantity: _____ ctns	✓		160ctns
5.2	Export carton size: L: _____ x W: _____ x H: _____ cm	✓		32x28.7x40.3cm
	Export carton weight: G.W: _____ KGS	✓		14.46kgs
	Quantity per export carton: _____ pcs	✓		6pcs
5.3	Shipping Marks(TWO SIDES)	✓		
5.4	Side Marks(TWO SIDES)	✓		Please refer to photo
5.5	Mail order box size: L: _____ x W: _____ x H: _____ cm	✓		26.6 x 15 x 12.5 cm
	Mail order box weight: G.W: _____ KGS	✓		2.3 kgs
5.6	Blister Card : L: _____ x W: _____ cm Length of "EURO hole": L: _____ cm			N/A
5.7	Unit packing: as per Packaging Instruction or PO specified or approval sample shown	✓		
5.8	Inner packing (if inner carton available): as per Packaging Instruction or PO specified			N/A
5.9	Outer packing: as per Packaging Instruction or PO specified	✓		
6.0	LABELING / EAN / BAR CODES / LOGO			
6.1	Rating Label	✓		
6.2	Barcode Label on mail order box	✓		
6.3	Barcode Label on export carton	✓		
6.4	Logo on product	✓		
6.5	Other label	✓		
7.0	ACCESSORIES / SPARE PARTS			
7.1	Instruction Manual as per Customer specification	✓		
7.2	Leaflet	✓		
7.3	Accessories	✓		Refer to photo 56.
8.0	MATERIAL / CRITICAL COMPONENTS			
8.1	As per PO Specified	✓		
8.2	Critical component check: Please check the CDF and with the actual construction <i>(Check critical components against the CDF provided - please keep copy of CDF - note down any discrepancy between them, if no CDF available during inspection, please check with BOM and note down all critical components for reference)</i>	✓		



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#	DESCRIPTION / CRITERIA / CHECK	OK	NOK	FOUNDING
9.0	CHECK CERTIFICATE:			
9.1	- CE	√		
	- LVD	√		
	- EMC	√		
	- RoHS	√		
	- GS/PAHs	√		
	- UL	√		
	- WEEE(Symbol applied only)	√		
	- REACH	√		
10.0	SAMPLE STATUS:			
10.1	Approval Sample (sealed and marked) and send back to the Office <input type="checkbox"/> N/A, Confirmed by: _____ <input type="checkbox"/> Send back to HK Office : _____ <input type="checkbox"/> Send back to SZ Office: _____ <input checked="" type="checkbox"/> Others: _____ Kept at factory _____	√		
10.2	Select Shipment sample (sealed and marked) and send back to the Office <input checked="" type="checkbox"/> N/A, Confirmed by: _____ ADA _____ <input type="checkbox"/> Send back to HK Office : _____ <input type="checkbox"/> Send back to SZ Office: _____ <input type="checkbox"/> Others: _____	√		
10.3	Select Defective sample (sealed and marked) and send back to the Office <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Send back to HK Office: _____			

Sample for inspection taken from the following cartons:

Total: 14 ctns

123	95	2	19	67	132	137	83	75	90	10
21	111	32	81							20



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Art.	007060533	Description	ANGLE GRINDER TOOLBOD				
P/O No.	01022012	Inspection By:	Vito zhang / Andrew Jiang	Revision:	20120601		
#	PACKING INFORMATION			FINDING			
A1	Export carton size: L: _____ x W: _____ x H: _____ mm			320x287x403mm			
A2	Export carton weight: G.W: _____ g			14460g			
A3	Quantity per export carton: _____ pcs			6pcs			
B1	Mail order box size: L: _____ x W: _____ x H: _____ mm			266x 150 x 125 mm			
B2	Mail order box weight: G.W: _____ g			2305g			
C	Weight of Product:						
C1	EAR Net Weight: _____ g (please see details as below) – <u>please take photo</u>			1849g			
1) Included all electric / electronic product and batteries; all the parts which cannot be replaced after assembly 2) Included the charger for all electrical products. 3) Excluded all luminous (product with LED which cannot be replaced) and bulbs with slow wire							
C2	Other weight / fitting: _____ g (please see details as below) - <u>please take photo</u>			322g			
1) Included all non-electric product, BMC, Instruction manual and all accessories which except as per above C1 shown 2) Excluded all packaging material as per below D shown							
D	Weight of Packing Materials: (included export carton, mail order box, Blister Card or individual packing) - <u>please take photo</u>						
No.	Description	FIND(MOB)	FIND(EXP)	No.	Description	FIND(MOB)	FIND(EXP)
D1	Paper : _____ g	130g	586g	D6	Aluminum : _____ g	N/A	N/A
D2	Styrofoam: _____ g	1g	N/A	D7	Glass : _____ g	N/A	N/A
D3	Cartridge : _____ g	N/A	N/A	D8	Natural Materials : _____ g	N/A	N/A
D4	Plastic : _____ g	3g	44g	D9	Textiles: _____ g	N/A	N/A
D5	Sheet : _____ g	N/A	N/A	D10	Carton laminates: _____ g	N/A	N/A
E	Battery / Batteries* <input type="checkbox"/> YES <input checked="" type="checkbox"/> No						
E1	<input type="checkbox"/> Non-rechargeable (Primary) <input type="checkbox"/> Rechargeable (Secondary)						
E2	Number of batteries: _____ pieces			Weight of single battery: _____ g			
1) Battery pack and Build-in Batteries were considered as single battery only.							
E3	<input type="checkbox"/> Standard Size: _____ (e.g. AA, AAA, C, D and 9V)		<input type="checkbox"/> Tailor make		<input type="checkbox"/> Button Cell (single) <input type="checkbox"/> Button Cell (packs)		
E4	Chemical System						
<input type="checkbox"/> Zinc-Carbon (ZnC)		<input type="checkbox"/> Alkaline (AlMn)		<input type="checkbox"/> Zinc-Air (ZnAir)			
<input type="checkbox"/> Lithium (Li)		<input type="checkbox"/> Lithium-ion (Li-ion)					
<input type="checkbox"/> Nickel-Metal-Hydride (NiMH)		<input type="checkbox"/> Lead Acid (Pb)		<input type="checkbox"/> Nickel-Cadmium (NiCd)			
<input type="checkbox"/> Mercury Oxide (Hg ₂ O)		<input type="checkbox"/> Silver Oxide (Ag ₂ O)					

*Please copy the PART E, if there were more than 2 types of batteries in one item.

Photo of Inspection Report :

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FUNCTION TEST



01- Product firmness with the storage dock check



02- Product firmness with the storage dock check



03- Assembly & dis-assembly with AC controller test



04- Function test for product (only one single speed)



05- Function test for spindle lock

ACTUAL PERFORMANCE TEST

Photo of Inspection Report :

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06- 8pcs for actual performance test



07- Coarse grinding



08- Cutting

SPECIAL TEST



09- Barcode scanning test on export carton



10- Barcode scanning test on color box

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11- Rubbing test



12- Hi-pot test



13- Power consumption test (no loading)



14- Low voltage start up test



15- Life test



16- Speed test

Photo of Inspection Report :
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17- Product assembly check



18- Product assembly check



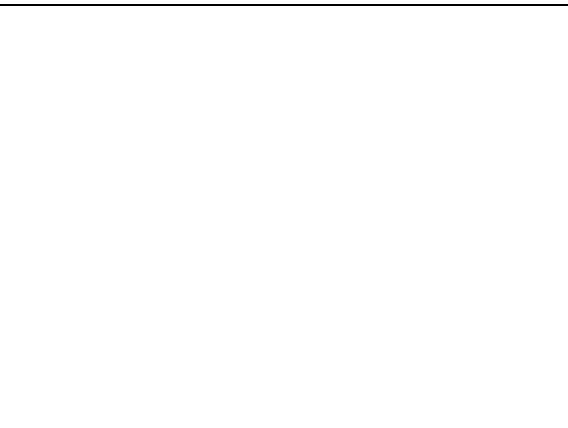
19- Noise level test



20- Hardness check



21- Rubbing test on MOB, with white paper



22- N/A

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23- Fitting with cutting disc



24- Internal check



25- Internal check



26- Function test for wrench



27- Stacking test on export carton



28- Fork-lifter test

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29- Fork-lifter test

DEFECT



30- Wrinkle mark on storage dock label



31- Storage dock label inclined slightly



32- Storage dock label inclined slightly



33- Slight damaged mark

PACKING

Photo of Inspection Report :

DPSZ/007217/2012



34- Export carton



35- Shipping mark



36- Side mark



37- Side mark



38- Export carton open view



39- MOB

Photo of Inspection Report :

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40- MOB



41- MOB



42- MOB



43- MOB open view



44- Product packing



45- Product packing



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Photo of Inspection Report :

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46- Product packing



47- Product packing

LABELING / EAN / BAR CODES / LOGO



48- Barcode on MOB



49- Barcode on export carton



50- Logo



51- Rating label

Photo of Inspection Report :

DPSZ/007217/2012



52- Marking on storage dock



53- Logo on storage dock handle



54- AC mark



55- Recycle symbol on polybag

ACCESSORIES / SPARE PARTS / INSTRUCTION SHEET:



56- Accessories



57- I/M & leaflet

Photo of Inspection Report :

DP/007217/2012



58- Version for I/M

PRODUCT / MATERIAL / CRITICAL COMPONENTS:



59- Product



60- Product

APPROVAL / SHIPMENT SAMPLE:



61- Approval sample (left) vs actual product



62- Approval sample (left) vs actual product

OTHERS:



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Photo of Inspection Report :

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63- C1



64- C2



65- D